

MAXIMATOR® US

MAXPRO Technologies

MTCAT-1.5

**THE ONLY MACHINE AVAILABLE
CAPABLE OF CONING AND
THREADING 1.5" OD TUBING.**

The MTCAT-1.5 Coning and Threading Machine delivers safe, efficient, single-ended preparation for medium-, high-, and ultra-high-pressure tubing systems—maximizing shop productivity while reducing set-up time and operator training.



FEWER HANDLING STEPS

Streamlined, single-ended operation reduces handling and saves time.



NO NEED TO REMOVE OR REPOSITION TUBING

Tubing remains stationary in the collet while coning and threading occur sequentially.



ONE COLLET SYSTEM FOR BOTH OPERATIONS

Cone and thread using the same collet for maximum efficiency.



SIMPLER, MORE EFFICIENT WORKFLOW

Intuitive setup and automatic settings make operation fast and easy.



LESS OPERATOR TRAINING

Easy to learn and operate with minimal training required.

SINGLE-ENDED PROCESS

Cone and thread without removing the tubing.



1. INSERT

Insert tubing into collet.

2. CONE

Cone the tubing from the same side.

3. THREAD

Thread the tubing without removing it.

4. DONE

Finished tubing, ready to use.



MTCAT-1.5 AT A GLANCE



MEDIUM-PRESSURE TUBING CAPACITY

1/4 in. to 1.5 in. OD
Handles the largest size range in a single machine.



HIGH & ULTRA-HIGH PRESSURE CAPACITY

1/4 in. to 9/16 in. OD



STRAIGHT NIPPLE LENGTH CAPABILITY

Minimum 4 in. (up to 1 in. OD);
6 in. OAL for 1.5 in. OD



MOTOR

Upgraded 1 HP motor with VFD drive
Provides smooth power and optimized cutting speeds.



POWER REQUIREMENTS

115 VAC / 60 Hz (Standard US);
230 VAC / 50–60 Hz (Export / CE)



THREADING DIRECTION

Counterclockwise (Left-Hand) standard;
dual Left/Right-Hand operation optional
(-RH version)
Flexible threading to match your application needs.



KEY FEATURES

- Automatic ID chamfering tool for 1.5 in. tubing
 - Enlarged collet system (1/4 in. to 1.5 in.)
 - High-flow cutting oil pump
 - Carbon fiber belt drive system
 - Heavy-duty speed collet wrench
- Designed for maximum shop productivity.



TOOLING

High-quality tooling sets are required for operation and are ordered separately. Consult your Maximator representative for assistance in selecting the correct tooling.



BUILT FOR RELIABILITY.
DESIGNED FOR PERFORMANCE.
The MTCAT-1.5 delivers precision, efficiency, and productivity for high-pressure tubing preparation.



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CE CE Mark available